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International application No.	International filing date	(day/month/year)	(Earliest) Priority Date (day/month	tyear)		
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Applicant PARK, Sang-Kyu				•		
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2. Certain claims were found up	searchable ISA Box I).					
3. Unity of invention is lacking	(See Box II)					
4. With regard to the title,	200					
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5. With regard to the abstract,						
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		by this Authority as it	appears in Box III. The applicant m	ay,		
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6. The figure of the drawing to be pub	lished with the abstract is	Figure No.	1 1			
X as suggested by the applicant.	•	•	None of the figures			
because the applicant failed to	suggest a figure.					
because this figure better chara	icterizes the invention.					



INTERNATIONAL SEARCH REPORT

International application No. PCT/KR03/01167

PCT/KR03/01167 CLASSIFICATION OF SUBJECT MATTER A. IPC7 G01N 31/22 According to International Patent Classification (IPC) or to both national classification and IPC PIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC7 G01N 31/22, G01N 33/02, C08G 75/00, G01N 21/64, A61L 2/06, G01N 21/80, B32B 3/00 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korea Patent and Applications for Inventions since 1975 Korea Utility Models and Applications for Utility Models since 1975 Japanese Utility Models and application for Utility Models since 1975 Electronic data base consulted during the intermational search (name of data base and, where practicable, search terms used) eKIPASS, WPI, USPTO, PAI, CAPLUS(STN), INSPECT (pH<near/1>sensitive), acid, bas*, sulfonamide, dimethylacrylamide, polymer, food, pack** C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category* 1.3.4 US 2002/0044891 A1 (The Gov. of the U.S. of America, as represented by the secretary, Dept. of Health and Human services) 18 Apr 2002 -see pages 1-3 & claims 1.3.4 US 6103865 A (Kwangju Institute of Science and Technology) 15 Aug 2000 Y -see the whole document 2 WO 01/64430 A1 (Lifelines Technology, Inc.) 7 Sep 2001 -see abstract, Fig 6 & page 18 US 5607644 A (Optical Sensors Incorporated) 4 Mar 1997 -see abstract & claims 11-23 X See patent family annex. Further documents are listed in the continuation of Box C. "I" later document published after the international filing date or priority Special categories of cited documents: date and not in conflict with the application but cited to understand current defining the general state of the art which is not considered the principle or theory underlying the invention to be of particular relevance document of particular relevance; the claimed invention cannot be earlier application or patent but published on or after the international considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date document which may throw doubts on priority claim(s) or which is document of particular relevance; the claimed invention cannot be cited to establish the publication date of citation or other considered to involve an inventive step when the document is special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family document published prior to the international filing date but later than the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 28 OCTOBER 2003 (28.10.2003) 27 OCTOBER 2003 (27.10.2003)

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR03/01167

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